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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 09/07/2004

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

RECEIVED
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GROUP 3600

EXAMINER	
ELISCA, PIERRE E	
ART UNIT	**PAPER NUMBER**
3621	

DATE MAILED: 09/07/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/728,045	11/30/2000	Gustavo M. Guillemin	10001333-1	2570

TITLE OF INVENTION: SYSTEMS AND METHODS FOR SECURE PRINTING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1330	$300	$1630	12/07/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PTOL-85 (Rev. 08/04) Approved for use through 04/30/2007.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

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Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

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nonprovisional	NO	$1330	$300	$1630	12/07/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
ELISCA, PIERRE E	3621	705-051000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☐ Issue Fee

☐ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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7590 09/07/2004

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EXAMINER	
ELISCA, PIERRE E	
ART UNIT	PAPER NUMBER
3621	

DATE MAILED: 09/07/2004

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 570 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 570 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/728,045	11/30/2000	Gustavo M. Guillemin	10001333-1	2570

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EXAMINER	
ELISCA, PIERRE E	
ART UNIT	PAPER NUMBER
3621	

DATE MAILED: 09/07/2004

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because an increase in fees effective on October 1, 2004 is anticipated. See Revision of Patent Fees for Fiscal Year 2005; Proposed Rule, 69 Fed. Reg. 25861, 25863, 25864 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is proposed to be amended by revising paragraphs (a) through (c) to read as set forth below. As stated above, the final fee may be a different amount, and applicant should check the WEB site given above when paying the fee.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:
- By a small entity (Sec. 1.27(a)) $670.00
- By other than a small entity $1,340.00

(b) Issue fee for issuing a design patent:
- By a small entity (Sec. 1.27(a)) $245.00
- By other than a small entity $490.00

(c) Issue fee for issuing a plant patent:
- By a small entity (Sec. 1.27(a)) $325.00
- By other than a small entity $650.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09/728,045			

EXAMINER	
ART UNIT	PAPER NUMBER
3621	9

DATE MAILED:

This is a communication from the examiner in charge of this application.
COMMISSIONER OF PATENTS AND TRADEMARKS

NOTICE OF ALLOWABILITY

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

☒ This communication is responsive to 10/6/2003.

☒ The allowed claim(s) is/are 2-7, 9-18, AND 21-26.

☒ The drawings filed on 11/30/2000 are acceptable as formal drawings.

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

☐ All ☐ Some* ☐ None of the:

- ☐ Certified copies of the priority documents have been received.
- ☐ Certified copies of the priority documents have been received in Application No. _____.
- ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE FOR SUBMITTING NEW FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION. This three-month period for complying with the REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL is extendable under 37 CFR 1.136(a).**

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☐ Applicant MUST submit NEW FORMAL DRAWINGS

- ☐ because the originally filed drawings were declared by applicant to be informal.
- ☐ including changes required by the Notice of Draftperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. _____.
- ☐ including changes required by the proposed drawing correction filed on _____, which has been approved by the examiner.
- ☐ including changes required by the attached Examiner's Amendment/Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this notice should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If

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L5: Entry 3 of 3 File: TDBD Jan 1, 1991

TDB-ACC-NO: NN9101230

DISCLOSURE TITLE: Method for Automatically Printing Variable Content Labels On-line.

PUBLICATION-DATA:
IBM Technical Disclosure Bulletin, January 1991, US

VOLUME NUMBER: 33
ISSUE NUMBER: 8
PAGE NUMBER: 230 - 236

PUBLICATION-DATE: January 1, 1991 (19910101)

CROSS REFERENCE: 0018-8689-33-8-230

DISCLOSURE TEXT:

- Trends in product labeling produce labels that, within any one label family, have many similar characteristics, but which have one or more elements that make them unique (for example, a sequence number). The addition of graphics can provide yet more variation in the labels within a family. A label applied to logic assemblies (see Fig. 1) is an example of this label type. Label 1 is applied to logic assemblies 2 and 3 and others not shown. Referring to Fig. 2, each label in this label family contains: 1. A graphic symbol 25 -- to tell the user the position in the system where the logic assembly installs. 2. The logic assembly part number 26 -- which is EC sensitive to a limited degree. 3. The part number of the logic card within the logic assembly 27 -- which will change each time an EC is made to the card. 4. A unique sequence number 28 -- comprised of the plant of manufacture, the job number, the last digit of the year of manufacture, and a three-digit unique sequence number. The sequence number must match that of the logic card. 5. The assembly feature code number 29 -- which is keyed to the type of logic assembly. 6. Special text messages 30 -- which appear on some, but not all, labels. - Items 26, 27, 28, and 29 appear in both human- and machine-readable form. - It becomes clear after inspection of the required information on these labels that preprinting is an impossibility. - Labels of this type are most effectively printed on-line and on demand at the assembly workstation on an all-points-addressable printer capable of reproducing graphics. An individualized logic assembly label is printed when a "trigger", in this case a bar code on the card in the logic assembly to be labeled, is scanned with a bar code reader. Printing begins automatically and immediately and is completed within the build cycle of the logic assembly. - Attributes of the print system used to create and print multi-format labels of this and other types are: 1. A menu-driven label design package for use by untrained operators. 2 A menu-driven label package aimed at manufacturing. 3. An automatic digitizing method that eliminates hand digitizing of graphic data including: a. Program utilities which take any graphic from a graphic capable terminal and convert it to a bitmap. - b. Acceptance of input from sources other than graphic terminals (i.e., optical scanners). - c. The ability to automatically digitize graphics, alphabetic or numeric characters, or symbols either singly or in groups. - d. The ability to automatically digitize portions of or the entire field of a particular label or

other electronic drawing. 4. A data transmission method to eliminate hard-copy movement of label data from development to manufacturing including: a. Release of an entire label or portions thereof in a fully digitized dataset and ultimate storage of the dataset in the local Manufacturing Control System (MCS) or storage of the dataset directly in a look-up table in a Personal Computer at the label print workstation. - b. Use of a "MIF" (Microcode Image Format) as the dataset format. The MIF is one of a number of standard formats used for encoding data; but is not typically used for the storage of graphic data or label images. Information other than label data can be included in the MIF for different purposes. - c. Inclusion of the MIF on the logic card Bill-of-Material (BOM), or the BOM of any other assembly to be labeled and a cross reference table in the computer program to identify the correct MIF when the assembly part number is scanned. - d. A subroutine in the label print program which searches the MIF files to find the correct digitized label image for the card assembly being built. 5. The ability to selectively print on a substrate with multiple die cuts including: a. The digitizing of all individual labels in a group of labels as if they were a single label. Since all labels in a label group are originally drawn in the correct position relative to their neighbors, correct positioning is guaranteed. - b. The use of either a standard preprinted aiming point (cross- hairs) or the intersection of label die cuts for visual or electronic alignment of the substrate to the printer. This determines the location of the first print element (the remainder being controlled by the printer carriage control). 6. Print options including: a. Capability to select different printers depending on the resolution needs of the label via menus. - b. Capability of the digitizing system to produce a bitmap that is customized to the resolution (dot spacing) of the printer selected. - c. The ability to easily change the bitmap to other pel spacings to take advantage of printers with different resolutions. - d. The ability to select different printer types (ink jet, laser, etc.) to take advantage of their print process characteristics for different applications. - e. The ability to modify the digitization of any portion of a label such that not every dot in the pattern will be printed. - - To allow reproduction of shaded or photographic graphics. - - To allow reduction of the amount of ink build-up on the substrate, minimizing "smudging" when the label is handled. 7. Computer Integrated Manufacturing (CIM) activities including (but not limited to): a. Producing an on-line routing and BOM visible on a PC for the operator; encoding this information as part of the MIF data so that it is accessed directly and displayed when the label print trigger is activated. - b. Inventory control and parts ordering. By counting labels as they are printed, inventory levels of blank labels can be tracked and automatically ordered at a preset depletion level. - c. Expansion of process control functions. - Additional function, such as the prevention of bypass of logic card testers, may also be added. 8. The ability to extend this method of on-line printing to printed matter other than labels including: a. User guides and other manuals custom-printed with information relating only to the specific features ordered by the customer. - b. Customized pack/unpack instructions, similar to the above. - c. Customized routings for use on the assembly floor, tailored exactly to the configuration being built. - d. Shipping and distribution information. - The program used to print these labels is described below. - Printing of multiple variable format labels on-line requires a computer program operating in a CIM (Computer Integrated Manufacturing) environment that will: 1. Operate in a virtually automatic mode. 2. Recognize and use a "trigger" to begin the label print operation. 3. Use that "trigger" to decide which label to print. 4. Have the capability to handle data used to print labels with varying formats of graphics, text, and bar codes.. 5. Have the capability to handle incremental serial or sequence number information. 6. Assemble the required information on the correct label from data stored remotely (bar code characters are treated as graphics and are individually stored in program look-up tables). 7. Initiate the printing of the label itself on demand. 8. Have feedback capability to provide verification that the correct label has been printed. 9. Uses corporate and/or industry standard data transmission and storage mechanisms. 10. Be flexible enough to be used on a wide variety of label types having differing information or may be easily modified to meet other requirements.

- The program flow diagram for logic card assembly labeling is shown in Fig. 3. Some modification may be needed to accommodate other assembly types. - During the reading of the label MIF (reference the flow chart), the program software looks for type 2 MIF header records. The type 2 header records for label printing are defined as follows: 1. Card name 2. Assembly feature number 3. Card part number (for verification) 4. Assembly part number 5. Mechanical build group bill of material part number 6. Others (presently not used, but held for future needs) The data from these records is read and stored in variables in the code. Also in the MIF read process, the digitized graphic data is read and stored in memory--the height and width data is imbedded in MIF type 3 records. - Card assembly build is typically job oriented. The program is designed such that at the start of assembly of a particular job, the operator indicates that a new job is to be started and scans a bar code (with serial number information) attached to the first logic card in the job. MCS is accessed and the block of serial numbers assigned to the job is brought into storage at the workstation. The part number of the cards in the job is also stored. To print the label for the next, and all successive assemblies in the job, that card bar code is scanned and the part number and serial number are cross checked with the stored part number and serial number block: a card from another job or a card with a different part number will be flagged as one not matching the job in process and no label will be printed. - To print the label, the graphic data is printed using standard graphic printer bit map printing algorithms. The height of the graphic (as read from MIF type 3 records) is used to calculate how many printer line feeds are necessary to position the printer to begin printing the defined bar code/text data. The start point for all printing is defined as a datum at the top left corner of the label substrate. The first bar code/text field is referenced from the same datum and is hard coded into the program. All succeeding bar code/ text fields are referenced from the first bar code/text field; the number of line feeds for these fields are also coded into the program. Note that this method defines the program for a single use: that of printing labels 1 in Fig. 1. To generalize the program

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L2: Entry 10 of 25 File: JPAB Jun 25, 1996

PUB-NO: JP408164639A
DOCUMENT-IDENTIFIER: JP 08164639 A
TITLE: PRINTING SYSTEM AND CONTROL METHOD THEREFOR

PUBN-DATE: June 25, 1996

INVENTOR-INFORMATION:
NAME COUNTRY
TAKASHIMA, KEIICHI
OZAKA, HITOSHI
HARA, KENTA
KOYANO, HIROKI

ASSIGNEE-INFORMATION:
NAME COUNTRY
CANON INC

APPL-NO: JP06311994
APPL-DATE: December 15, 1994

INT-CL (IPC): B41 J 5/30; G06 F 3/12; G06 F 17/21

ABSTRACT:

PURPOSE: To save time and memory contents which are needed for downloading external characters by identifying external characters contained in input code strings, deciding whether the external characters are registered or not, and registering them, if not registered.

CONSTITUTION: If a user creates external character data for a certain character code and sends a data flow which is a character code string containing the character code to CPU 1's printer driver, in the first place, the first character code of the data flow of text is read. Then search is made as to whether the same character code as the read character code exists in a registration file. If the answer is yes, decision is made as to if a registered flag is on in the registration file of the external character data. If the flag is off, the external character data are read in the external character registration file, and registered in a printer 6 as a character for the current character code.

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Notice of References Cited	Application/Control No. 09/728,045	Applicant(s)/Patent Under Reexam Gustavo M. Guillemin et al.	
	Examiner Pierre E. Elisca	Art Unit 3621	Page 1 of 1

U.S. PATENT DOCUMENTS

		Document Number Country Code-Number-Kind Code	Date MM-YYYY[1]	Name	Classification[2]	
	A	5,774,879	6/1998	Custy et al.	705	35
	B					
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

		Document Number Country Code-Number-Kind Code	Date MM-YYYY[1]	Country	Name	Classification[2]	
	N	JP408164639A	6/1996	JP	Takashima Keiichi	----	
	O						
	P						
	Q						
	R						
	S						
	T						

NON-PATENT DOCUMENTS

		Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
	U	IBM TECHNICAL DISCLOSURE BULLETIN; JANUARY 1991, US METHOD FOR AUTOMATICALLY PRINTING VARIABLE CONTENT LABELS ONLINE.
	V	
	W	
	X	

* A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a). [1] Dates in MM-YYYY format are publication dates. [2] Classifications may be U.S. or foreign.

DETAILED ACTION

REASONS FOR ALLOWANCE

1. This is an Examiner's Statement of Reasons for Allowance. The closest prior art Custy et al. (U.S. Pat. No. 5,774,879) discloses an integrated data processing system which comprises an execution control processor that itself comprises a security processor and data base processor. Bidirectional communication with a printer is provided through a print processor to provide for the secure printing of financial instruments.

Takashima Keiichi et al discloses a printing system for creating external character data for a certain character code and sends a data flow which is a character code string containing the character code to CPU 1's printer driver.

However, neither Custy nor Takashima Keiichi et al. singularly or in combination fail to anticipate or render obvious the recited features:

As per claims 1, 11, and 15 " a user interface configured to communicate with the workstation, said user interface having a secured-disable mode and a secure-enable mode such that, in said secure-enable mode, the workstation is enabled to receive the first coding information, and in the secure-disable mode, the workstation is enabled to transmit print data to the printer for printing and the printer prints the print data without receiving the first coding information and the first code entry device and without receiving the second coding information at the second code entry device".

CONCLUSION

2. Any inquiry concerning this communication from the examiner should be directed to Pierre Eddy Elisca at (703) 305-3987. The examiner can normally be reached on Tuesday to Friday from 6:30AM to 5:00PM.

If any attempt to reach the examiner by telephone is unsuccessful, the examiner's supervisor, James Trammell can be reached on (703) 305-9768.

Any response to this action should be mailed to:

Commissioner of Patents of Trademarks

Washington, D.C. 20231

The Official Fax Number For TC-3600 is:

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Patent Examiner

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